

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| L1    | 84042 | (single adj electron adj device) and particle and electrode and tunnellinga dn (atomic adj force adj microscope) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/04/18 10:52 |
| L4    | 1     | ("6586785").PN.  | USPAT  | OR               | OFF     | 2005/04/18 10:55 |
| L5    | 1     | ("6730531").PN.  | USPAT  | OR               | OFF     | 2005/04/18 10:55 |
| L8    | 36    | (quantum adj mechanical) and tunnelling and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/18 10:56 |
| S1    | 1     | ("6744065").PN.  | USPAT  | OR               | OFF     | 2005/04/13 13:28 |
| S2    | 1     | ("5850064").PN.  | USPAT  | OR               | OFF     | 2005/04/05 14:54 |
| S3    | 288   | (438/478).CCLS.  | USPAT  | OR               | OFF     | 2005/04/05 15:04 |
| S4    | 5     | S3 and (single adj electron)   | USPAT  | OR               | OFF     | 2005/04/05 15:08 |
| S6    | 1     | (quantum adj mechanical) and tunnelling and (single adj electron) and (particle adj size)                        | USPAT  | OR               | OFF     | 2005/04/05 15:04 |
| S7    | 21    | (quantum adj mechanical) and tunnelling and (single adj electron) and (particle) and electrode                   | USPAT  | OR               | ON      | 2005/04/05 15:05 |
| S8    | 4     | (single adj electron) and (quantum adj mechanical adj tunnelling) and particle and indium                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/04/05 15:09 |
| S9    | 2     | (single adj electron) and (quantum adj mechanical adj tunnelling) and particle and (atomic adj force)            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/04/05 15:09 |
| S10   | 285   | (438/584).CCLS.  | USPAT  | OR               | OFF     | 2005/04/07 12:43 |
| S11   | 3     | S10 and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/07 12:44 |
| S12   | 466   | (438/597).CCLS.  | USPAT  | OR               | OFF     | 2005/04/07 12:44 |
| S13   | 3     | S12 and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/07 12:44 |
| S14   | 286   | (438/154).CCLS.  | USPAT  | OR               | OFF     | 2005/04/07 12:44 |
| S15   | 1     | S14 and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/07 12:45 |
| S16   | 2019  | ((438/257) or (438/258) or (438/259) or (438/260)).CCLS.   | USPAT  | OR               | OFF     | 2005/04/07 12:45 |
| S17   | 24    | S16 and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/18 10:54 |
| S18   | 1188  | ((438/261) or (438/262) or (438/263) or (438/264)).CCLS.   | USPAT  | OR               | OFF     | 2005/04/07 12:47 |
| S19   | 20    | S18 and (single adj electron)  | USPAT  | OR               | OFF     | 2005/04/07 12:47 |

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|-----|-----|--|---|----|-----|------------------|
| S20 | 283 | ((438/503) or (438/800)).CCLS.   | USPAT   | OR | OFF | 2005/04/07 12:47 |
| S21 | 11  | S20 and (single adj electron)  | USPAT   | OR | OFF | 2005/04/07 12:47 |
| S22 | 150 | (single adj electron adj device)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 15:45 |
| S23 | 3   | (single adj electron adj device)<br>and particle and electrode and<br>tunnelling | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/18 10:52 |
| S24 | 0   | EP0750353  | EPO   | OR | OFF | 2005/04/13 13:29 |
| S25 | 1   | (single adj electron) and device<br>and matsushita                               | EPO   | OR | OFF | 2005/04/13 13:29 |